Ablumir
Built Around Immunology

# Anti-IRF-3 Rabbit pAb (A72132)

**Catalog No.: A72132**

## Basic Information

| | |
|---|---|
| Catalog No. (Cat.No.) | A72132 |
| Host species | Rabbit |
| Reactivity | Human,Mouse,Rat |
| Applications | WB,IHC,IF,ELISA |
| Synonyms | IRF-3,ISGF3 gamma,NF-IL6 |

## Product Information

| | |
|---|---|
| Target | IRF-3 |
| Molecular Weight(Calculated) | 47 kDa |
| Molecular Weight(Observed) | 48-55 kDa |
| Isotype | IgG |
| Conjugation | NA |
| Concentration | 1 mg/ml |
| Clonality | Polyclonal |
| Clone No. | NA |
| RRID | NA |
| Storage buffer | 50% Glycerol, 0.5% BSA and 0.02% preservative in PBS (pH 7.2-7.4) |
| Storage | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. |
| Shipped at conditions | Frozen |
| Form | Liquid |

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## Product Usage Information

| Application | Dilution |
|---|---|
| WB | 1:500-1:2000 |
| IHC | 1:100-1:300 |
| IF | 1:50-1:200 |
| ELISA | 1:5000 |

## Target Information

| | |
|---|---|
| Protein Name | Interferon regulatory factor-3 |
| Gene Name | *IRF3* |
| Domain | human IRF3, aa 362-411 |
| Background | IRF3 (Interferon regulatory factor 3) belongs to IRF transcription-factor family and resides in cytoplasm under resting conditions. It governs innate immune transcriptional programs: upon activation of cytosolic pattern-recognition receptors, IRF3 undergoes phosphorylation and dimerization, translocates into nucleus and triggers transcription of type-I interferons and antiviral genes. IRF3 is central for antiviral innate immunity; its dysfunction impairs host antiviral defense. Aberrant IRF3 activation contributes to inflammatory pathologies. |